Jiahang Li

☎ *(852) 6478 4547*
✉ *jiahangspongebob.li@connect.polyu.hk*

Education

2022–Now	**The Hong Kong Polytechnic University**, *Master*, Computer Science. supervisor: Prof. Jiannong Cao
2018–2022	**Beijing University of Posts and Telecommunications**, *Bachelor*, Computer Science. GPA: 86.37/100, IELTS: 6.5

Research interests

Deep Learning on Graphs and related applications.

Experience

2021–Now	**Software Development Engineer Intern**, AWS Shanghai AI Lab. 1. **DGL**: Implementing GNN models for DGL framework supervisor: Mr. Mufei Li 2. **GNN Initialization** supervisor: Dr. Xiang Song and Dr. David Wipf publication: *On the Initialization of Graph Neural Networks* 3. **Ensemble Graph Learning on Multi-tabular Data** supervisor: Mr. Quan Gan and Dr. David Wipf
2021–2022	**Contributor & Mentor**, OpenWorm. 1. **Deep Graph Learning on Cell Developmental Process** supervisor: Dr. Bradly Alicea
2020–2021	**Research Assistant**, GAMMA Lab in BUPT. 1. **OpenHGNN**: Implementing heterogeneous GNN models for OpenHGNN framework supervisor: Dr. Chuan Shi

Publications

Jiahang Li, Yakun Song, Xiang Song, David Wipf. On the Initialization of Graph Neural Networks. **accpeted by ICML 2023**

Zipei Yan, Dong Liang, Linchuan Xu, **Jiahang Li**, Zhengji Liu, Shuai Wang, Jiannong Cao, Chea-su Kee. Vision Loss Estimation using Fundus Photograph for High Myopia. **accpeted by MICCAI 2023**

Xiang Song, Runjie Ma, **Jiahang Li**, Muhan Zhang, David Wipf. Network in Graph Neural Network. arXiv preprint arXiv:2111.11638.

Service

Journal reviewer	SIAM Journal on Mathematics of Data Science (SIMODS)

Awards

2021	Second Prize of National English Competition for College Students
2021	Third Prize of National Mathematics Competition for College Students
2021	Honorable Mention of MCM/ICM

Skills

Programming Languages	C/C++, Python, Java, Shellscript, Linux
Machine Learning	PyTorch, Tensorflow, DGL, PyG
Distributed Training	Ray, Horovod, PyTorch Distributed
Web Development	HTML, CSS, Javascript, Vue.js, React.js, Django